

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062923\
 Data File : VX036375.D
 Acq On : 29 Jun 2023 14:00
 Operator : JC/MD
 Sample : 03451-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Jun 30 01:30:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

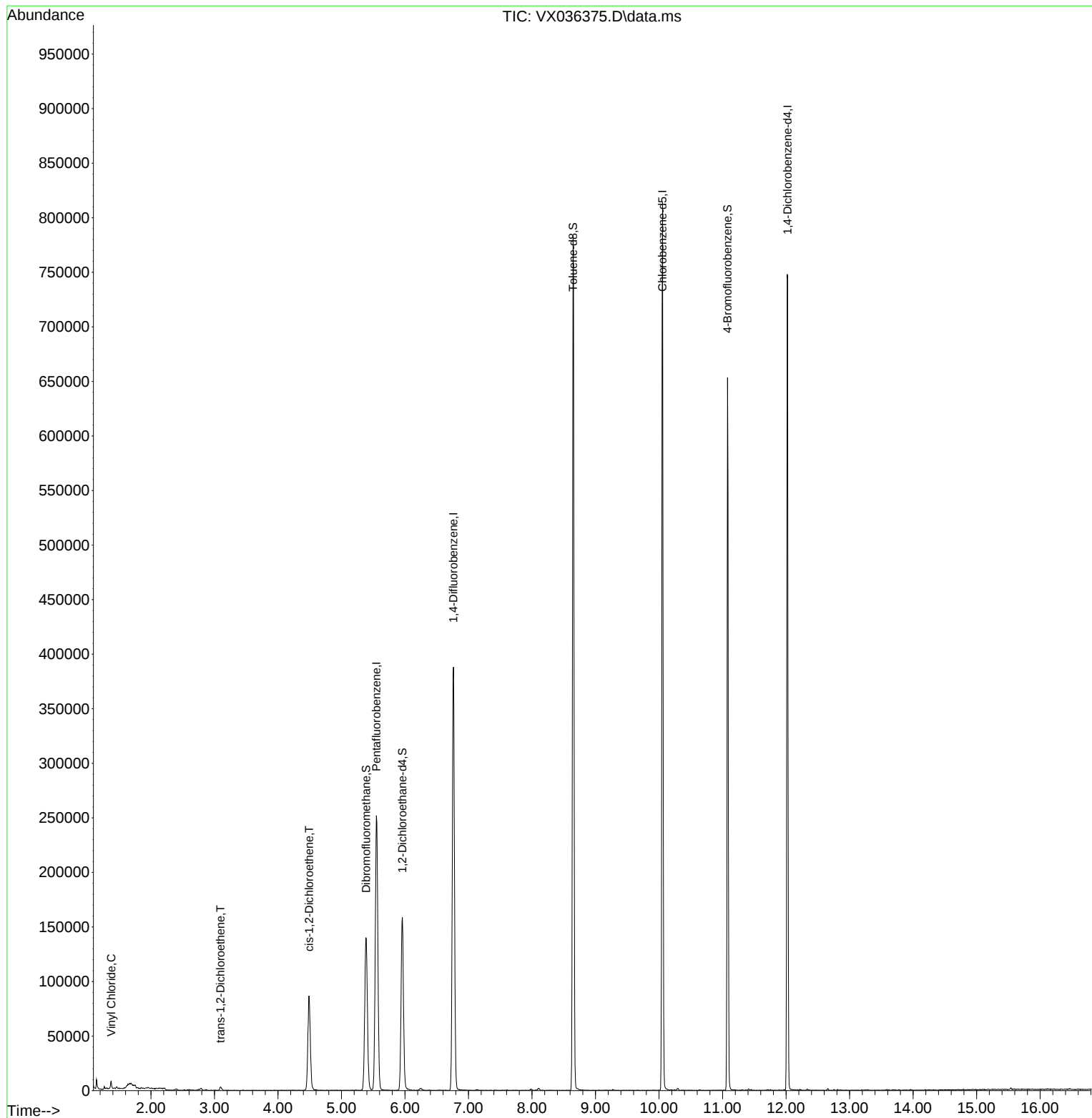
Internal Standards						
1) Pentafluorobenzene	5.550	168	239457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	399559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150939	43.974	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.940%
35) Dibromofluoromethane	5.385	113	125288	47.555	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.120%
50) Toluene-d8	8.647	98	472236	47.991	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.980%
62) 4-Bromofluorobenzene	11.079	95	169022	48.765	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.540%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1321	0.307	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	1085	0.374	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	53121	16.311	ug/l	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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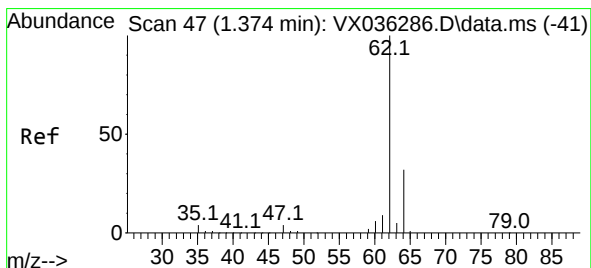
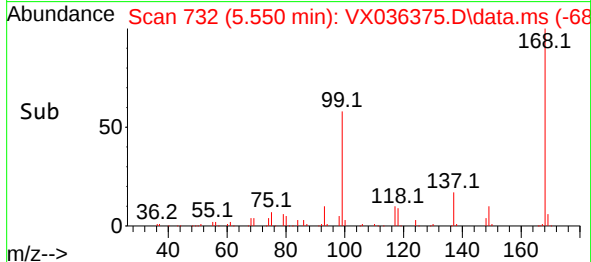
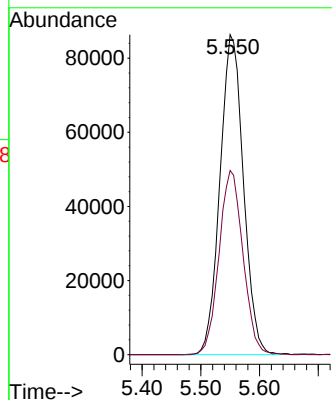
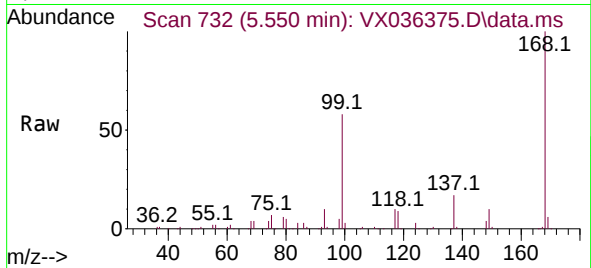




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.001 min
Lab File: VX036375.D
Acq: 29 Jun 2023 14:00

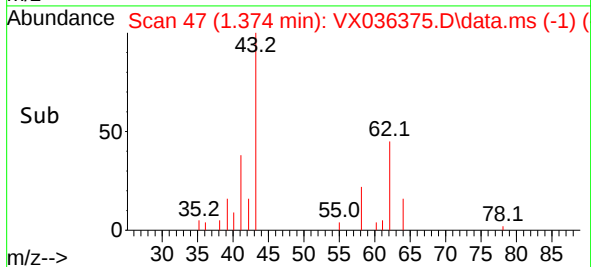
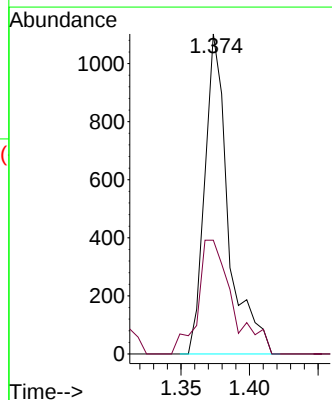
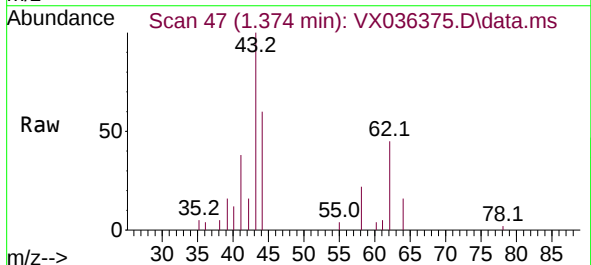
Instrument :
MSVOA_X
ClientSampleId :
MW-2

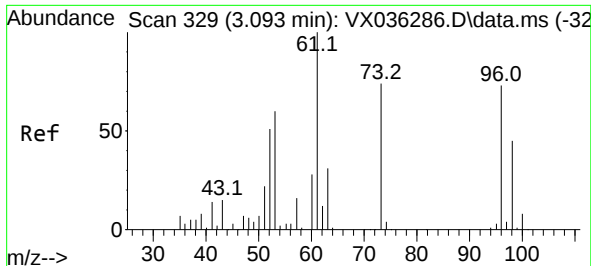
Tgt Ion:168 Resp: 239457
Ion Ratio Lower Upper
168 100
99 57.5 56.6 85.0



#4
Vinyl Chloride
Concen: 0.307 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036375.D
Acq: 29 Jun 2023 14:00

Tgt Ion: 62 Resp: 1321
Ion Ratio Lower Upper
62 100
64 35.6 25.4 38.0

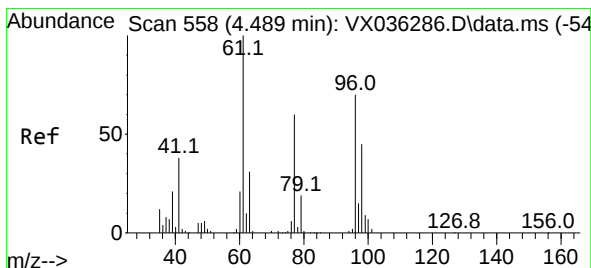
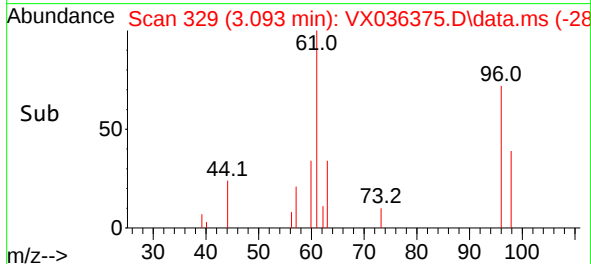
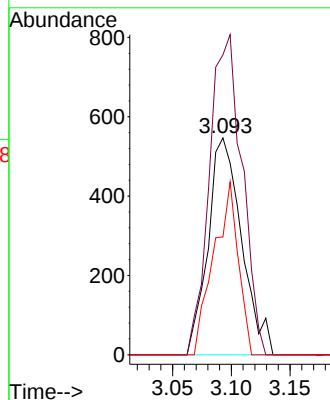
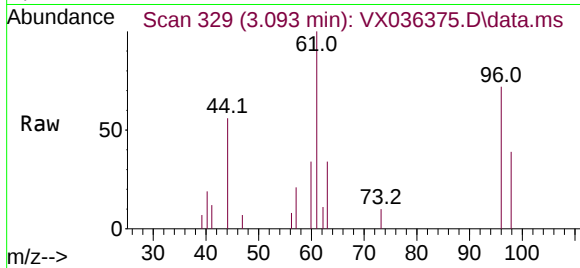




#21
trans-1,2-Dichloroethene
Concen: 0.374 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036375.D
Acq: 29 Jun 2023 14:00

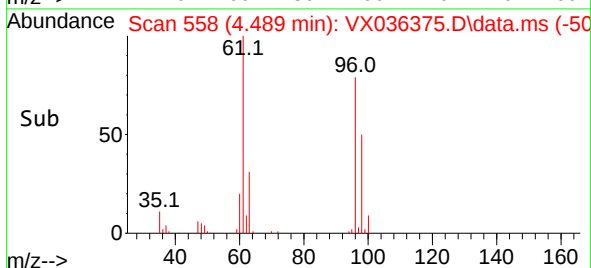
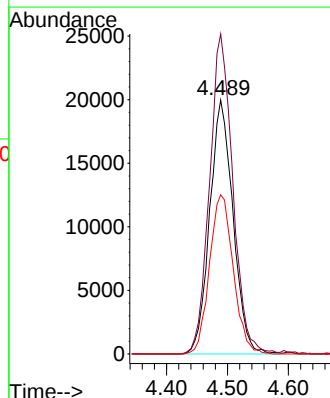
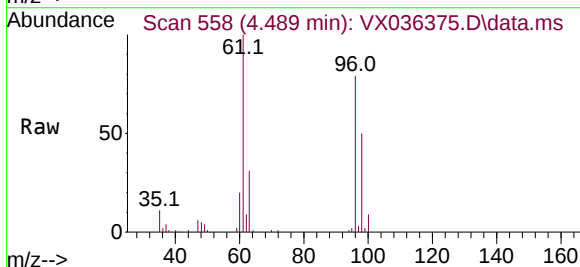
Instrument :
MSVOA_X
ClientSampleId :
MW-2

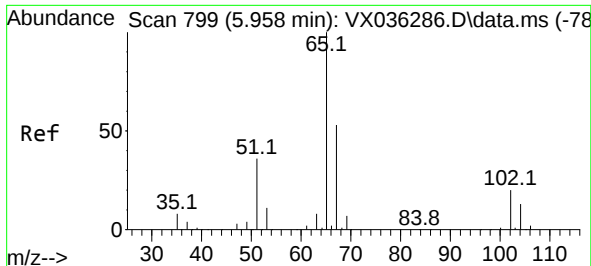
Tgt Ion: 96 Resp: 1085
Ion Ratio Lower Upper
96 100
61 138.2 119.2 178.8
98 54.3 48.7 73.1



#27
cis-1,2-Dichloroethene
Concen: 16.311 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX036375.D
Acq: 29 Jun 2023 14:00

Tgt Ion: 96 Resp: 53121
Ion Ratio Lower Upper
96 100
61 125.6 0.0 312.2
98 63.8 0.0 129.0

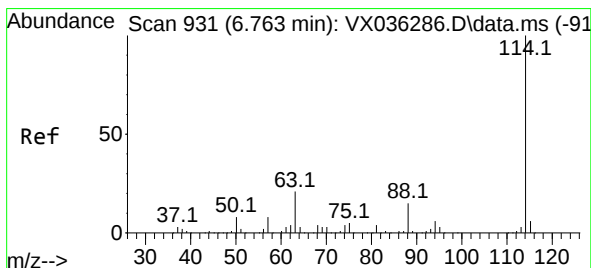
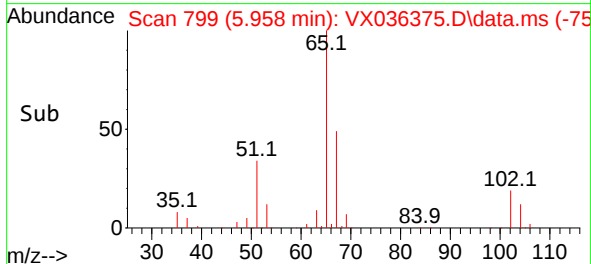
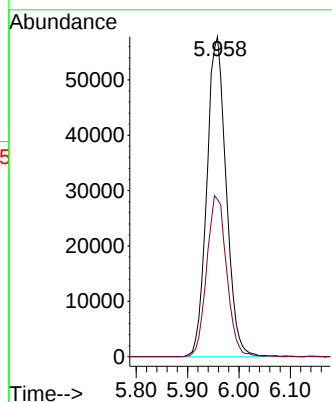
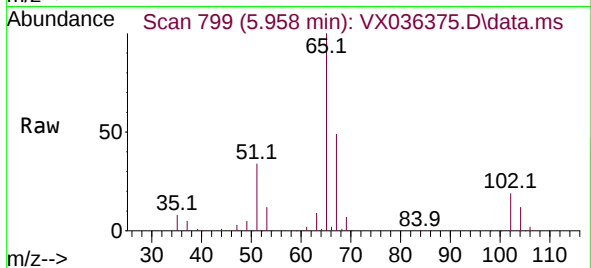




#33
 1,2-Dichloroethane-d4
 Concen: 43.974 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036375.D
 Acq: 29 Jun 2023 14:00

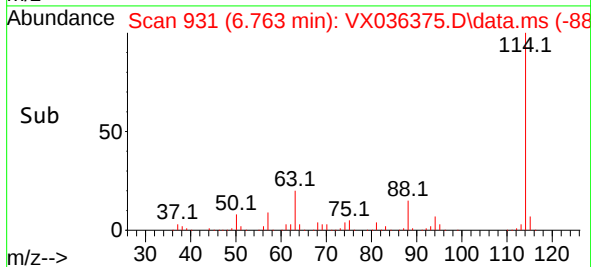
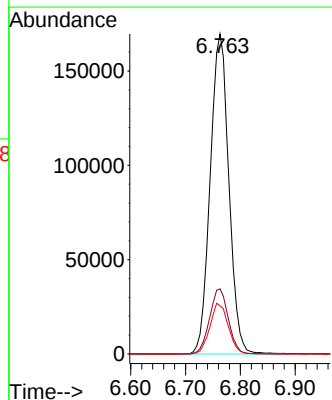
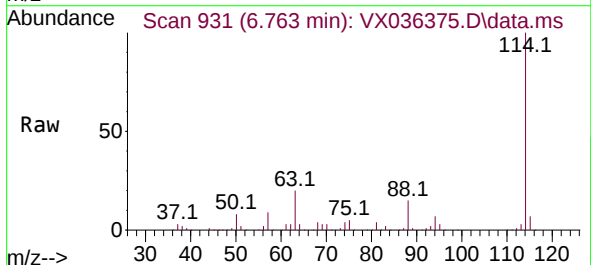
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

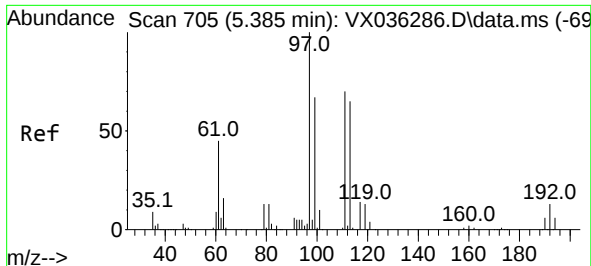
Tgt Ion: 65 Resp: 150939
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036375.D
 Acq: 29 Jun 2023 14:00

Tgt Ion:114 Resp: 399559
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.0
 88 15.0 0.0 36.6

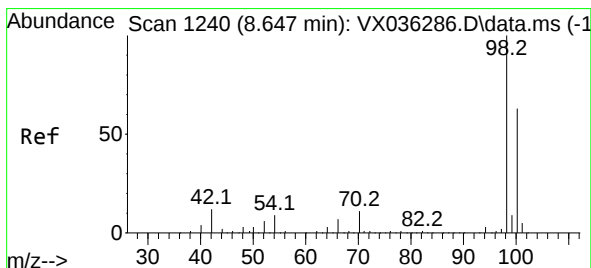
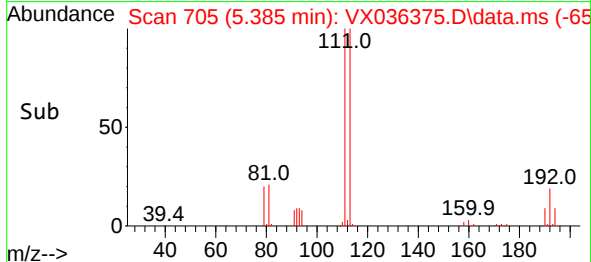
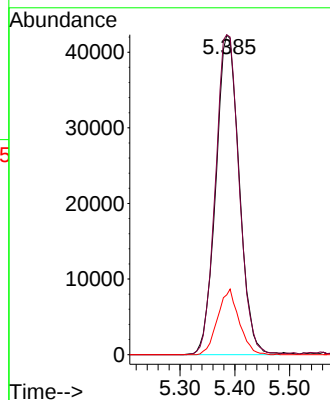
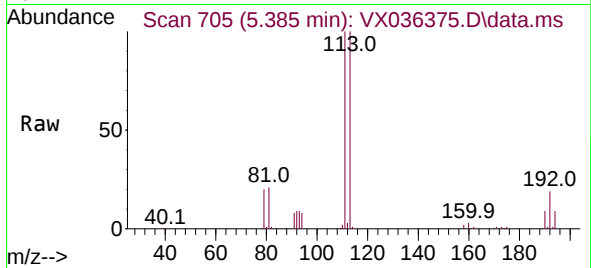




#35
 Dibromofluoromethane
 Concen: 47.555 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX036375.D
 Acq: 29 Jun 2023 14:00

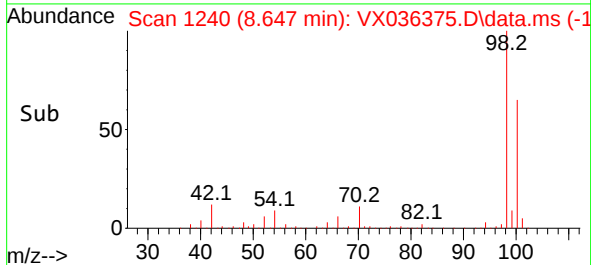
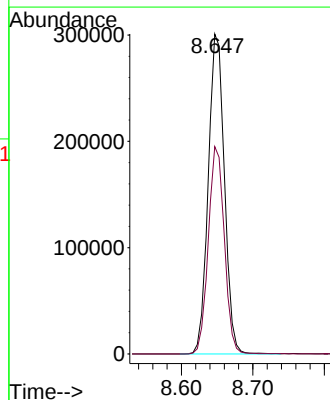
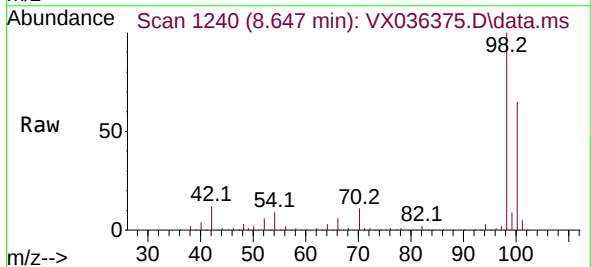
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

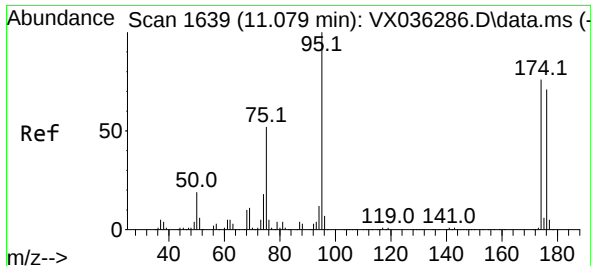
Tgt Ion:113 Resp: 125288
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.9 124.3
 192 18.8 13.3 19.9



#50
 Toluene-d8
 Concen: 47.991 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.001 min
 Lab File: VX036375.D
 Acq: 29 Jun 2023 14:00

Tgt Ion: 98 Resp: 472236
 Ion Ratio Lower Upper
 98 100
 100 64.3 53.1 79.7

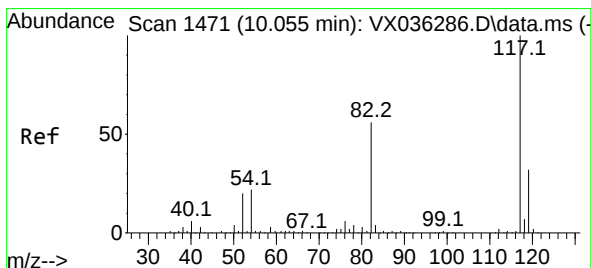
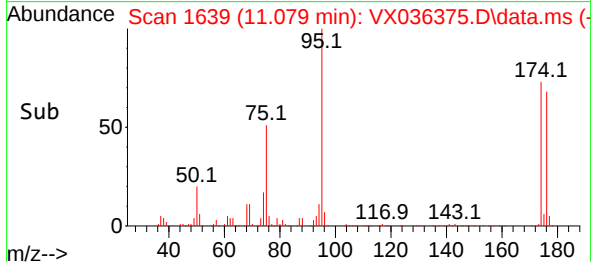
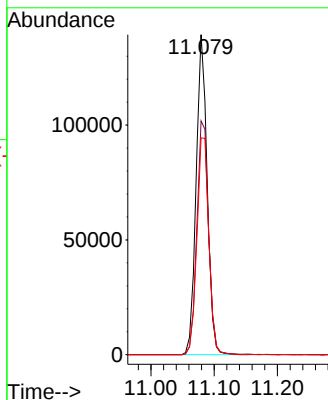
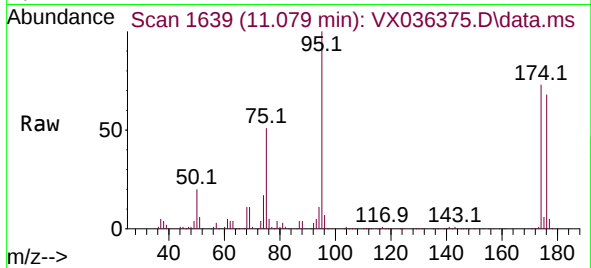




#62
4-Bromofluorobenzene
Concen: 48.765 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036375.D
Acq: 29 Jun 2023 14:00

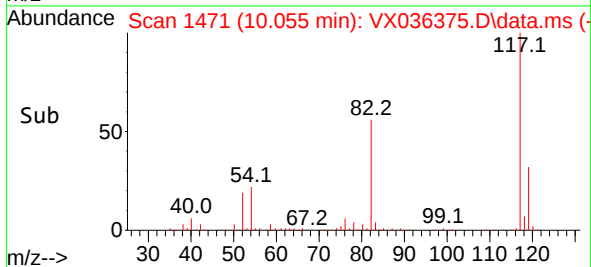
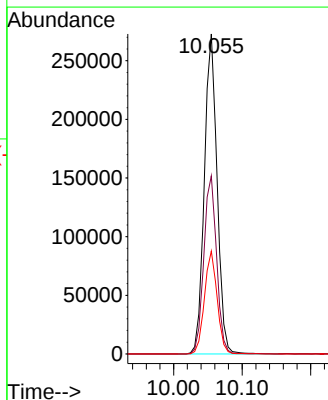
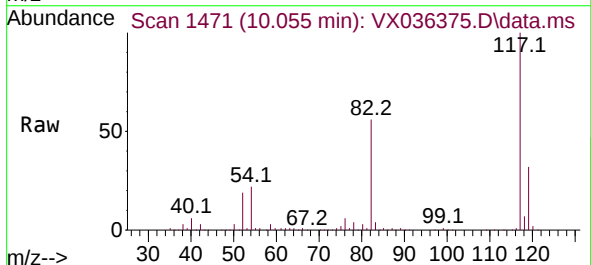
Instrument :
MSVOA_X
ClientSampleId :
MW-2

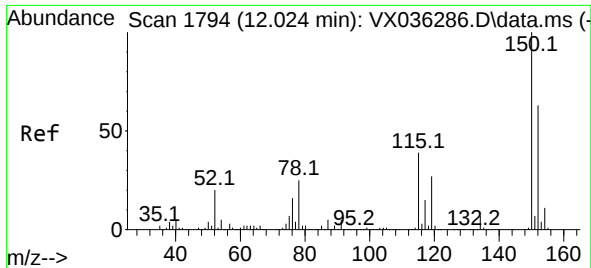
Tgt Ion: 95 Resp: 169022
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 73.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036375.D
Acq: 29 Jun 2023 14:00

Tgt Ion: 117 Resp: 354072
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036375.D

Acq: 29 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

MW-2

Tgt Ion:152 Resp: 154278

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 156.8 0.0 345.0

